

|  |  |                   |                     |  |               |                                |  |
|--|--|-------------------|---------------------|--|---------------|--------------------------------|--|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>  |  |                   | 1. CONTRACT ID CODE |  | PAGE OF PAGES |                                |  |
|  |  |                   |                     |  | 1      4      |                                |  |
| 2. AMENDMENT/MODIFICATION NO.  |  | 3. EFFECTIVE DATE |                     | 4. REQUISITION/PURCHASE REQ. NO.   |               | 5. PROJECT NO. (If applicable) |  |
| 0497   |  | See Block 16C     |                     | 21EM000390   |               |                                |  |
| 6. ISSUED BY   |  | CODE              |                     | 7. ADMINISTERED BY (If other than Item 6)  |               | CODE                           |  |
|  |  | 893040            |                     |  |               | 00603                          |  |
| Office of River Protection<br>U.S. Department of Energy<br>Office of River Protection<br>P.O. Box 450<br>Richland WA 99352   |  |                   |                     | Office of River Protection<br>U.S. Department of Energy<br>Office of River Protection<br>P.O. Box 450<br>Richland WA 99352 |               |                                |  |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  |  |                   |                     | (x)  |               |                                |  |
| Bechtel National, Inc.<br>Attn: RENEE TUCKER<br>12011 Sunset Hills Rd Ste 110<br>Reston VA 201905919   |  |                   |                     | 9A. AMENDMENT OF SOLICITATION NO.  |               |                                |  |
|  |  |                   |                     | 9B. DATED (SEE ITEM 11)  |               |                                |  |
|  |  |                   |                     | 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>DE-AC27-01RV14136   |               |                                |  |
| CODE 089176176   |  |                   |                     | FACILITY CODE  |               |                                |  |
|  |  |                   |                     | 10B. DATED (SEE ITEM 13)<br>12/11/2000   |               |                                |  |
| <b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>   |  |                   |                     |  |               |                                |  |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended.<br>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. |  |                   |                     |  |               |                                |  |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required)  |  |                   |                     |  |               |                                |  |
| See Schedule      Net Increase:      \$3,967,857.25  |  |                   |                     |  |               |                                |  |
| <b>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>   |  |                   |                     |  |               |                                |  |
| CHECK ONE  |  |                   |                     |  |               |                                |  |
| A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.   |  |                   |                     |  |               |                                |  |
| B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).  |  |                   |                     |  |               |                                |  |
| C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:   |  |                   |                     |  |               |                                |  |
| D. OTHER (Specify type of modification and authority)  |  |                   |                     |  |               |                                |  |
| X      Clause B.3, "Obligation and Availability of Funds", Clause I.66 "Limitation of Funds"   |  |                   |                     |  |               |                                |  |
| <b>E. IMPORTANT:</b> Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.   |  |                   |                     |  |               |                                |  |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  |  |                   |                     |  |               |                                |  |
| See following page(s)  |  |                   |                     |  |               |                                |  |
| Payment:   |  |                   |                     |  |               |                                |  |
| OR for ORP   |  |                   |                     |  |               |                                |  |
| U.S. Department of Energy  |  |                   |                     |  |               |                                |  |
| Oak Ridge Financial Service Center   |  |                   |                     |  |               |                                |  |
| P.O. Box 4307  |  |                   |                     |  |               |                                |  |
| Oak Ridge TN 37831   |  |                   |                     |  |               |                                |  |
| Period of Performance: 12/11/2000 to 12/31/2022  |  |                   |                     |  |               |                                |  |
| Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.  |  |                   |                     |  |               |                                |  |
| 15A. NAME AND TITLE OF SIGNER (Type or print)  |  |                   |                     | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)   |               |                                |  |
|  |  |                   |                     | Robert L. Burrier  |               |                                |  |
| 15B. CONTRACTOR/OFFEROR  |  | 15C. DATE SIGNED  |                     | 16B. UNITED STATES OF AMERICA  |               | 16C. DATE SIGNED               |  |
|  |  |                   |                     | Signature on File  |               | 12/10/2020                     |  |
| (Signature of person authorized to sign)   |  |                   |                     | (Signature of Contracting Officer)   |               |                                |  |

**Purpose of Modification:**

The purpose of this modification is to make the following changes:

1. Update Contract Section B, *Supplies or Services and Prices/Costs*, to obligate incremental funding provided under Purchase Requisition Number 21EM000390. This is the last of the WTP FY21 CR1 funds. Incremental funding is obligated as follows:

| Description  | Control Point | Local Use Code | Appropriation Year | Funded Amount         |
|--------------|---------------|----------------|--------------------|-----------------------|
| LAW Baseline | 1111710       | 0421573        | 2021               | \$3,967,857.25        |
|              |               |                | <b>Total</b>       | <b>\$3,967,857.25</b> |

2. Update Contract Section B, *Supplies or Services and Prices/Costs*, to show increased funding on IEWO 89303918FEM400008 (Unitech). Funding has been increased by \$100,000.00.

**Description of Modification:**

1. The table in Section B, *Supplies or Services and Prices/Costs*, Contract Section B.3 *Obligation and Availability of Funds and Contract Value*, paragraph (a) is revised as follows:
  - The total amount of funds obligated to LAW Baseline 1111710 - 0421573 is increased by \$3,967,857.25 from \$803,051,015.94 to \$807,018,873.19.
  - The total funding obligated to the Budgetary Control Points, is increased by \$3,967,857.25 from \$13,142,397,097.66 to \$13,146,364,954.91.
  - The total funding obligated to the Budgetary Control Points, including Program Direction funding, is increased by \$3,967,857.25 from \$13,144,887,097.66 to \$13,148,854,954.91.
  - IEWO 89303918FEM400008 (UNITECH) is increased by \$100,000.00 from \$30,000.00 to \$130,000.00.
  - The total IEWO funding is increased by \$100,000.00 from \$85,948,852.35 to \$86,048,852.35.
  - The total funding obligated to the Budgetary Control Points, including Program Direction, Inter-Entity Work Order Funding and Request for Service Funding, is increased by \$4,067,857.25 from \$13,230,852,396.01 to \$13,234,920,253.26.

2. The table in Section B, *Supplies or Services and Prices/Costs*, Contract Section B.3 *Obligation and Availability of Funds and Contract Value*, paragraph (a), is deleted in its entirety and replaced in full as follows:

| BUDGETARY CONTROL POINTS FOR WTP PROJECT  |                      |                         |                  |                            |
|---|----------------------|-------------------------|------------------|----------------------------|
| Description   | Appropriation Symbol | B&R No. (Control Point) | Local Use Code   | Budget Authority           |
|   | 1250                 | 1110401                 |                  | \$3,006,205,907.70         |
| LAW   | 1250                 | 1111183                 |                  | \$637,537,062.71           |
| LAB   | 1250                 | 1111184                 |                  | \$207,817,505.32           |
| BOF   | 1250                 | 1111185                 |                  | \$261,722,260.48           |
| HLW   | 1250                 | 1111186                 |                  | \$559,580,100.04           |
| PT  | 1250                 | 1111187                 |                  | \$840,766,807.09           |
| LAW   | 1250 and 1260        | 1111241                 |                  | \$1,691,548,709.50         |
| DFLAW   | 1250 and 1260        | 1111243                 |                  | \$157,063,073.13           |
| LAB   | 1250 and 1260        | 1111242                 |                  | \$349,312,452.11           |
| BOF   | 1250 and 1260        | 1111243                 |                  | \$648,031,980.05           |
| HLW   | 1250 and 1260        | 1111244                 |                  | \$1,029,273,076.81         |
| PT  | 1250 and 1260        | 1111245                 |                  | \$1,526,044,506.86         |
| LAW Baseline  | 1260                 | 1111710                 | 0421573          | <b>\$807,018,873.19</b>    |
| LAB Baseline  | 1260                 | 1111710                 | 0421574          | \$108,127,262.70           |
| BOF Baseline  | 1260                 | 1111710                 | 0421575          | \$382,362,379.60           |
| EMF Baseline  | 1260                 | 1111711                 | 0421586          | \$563,258,352.75           |
| HLW Baseline  | 1260                 | 1111714                 | 0421587          | \$123,929,356.52           |
| PT Baseline   | 1260                 | 1111716                 | 0421588          | \$40,758,149.03            |
| LAW COVID   | 1260                 | 1111710                 | 0421573          | \$24,578,699.03            |
| LAB COVID   | 1260                 | 1111710                 | 0421574          | \$4,446,716.49             |
| BOF COVID   | 1260                 | 1111710                 | 0421575          | \$13,091,795.47            |
| EMF COVID   | 1260                 | 1111711                 | 0421586          | \$14,479,080.37            |
| HLW COVID   | 1260                 | 1111714                 | 0421587          | \$5,921,281.65             |
| PT COVID  | 1260                 | 1111716                 | 0421588          | \$951,815.87               |
| LAW Fee   | 1260                 | 1111712                 | 0421573          | \$98,660,674.00            |
| LAB Fee   | 1260                 | 1111712                 | 0421574          | \$16,096,000.00            |
| BOF Fee   | 1260                 | 1111712                 | 0421575          | \$19,093,728.44            |
| HLW Fee   | 1260                 | 1111715                 | 0421587          | \$4,284,932.00             |
| PT Fee  | 1260                 | 1111717                 | 0421588          | \$4,402,416.00             |
| Subtotal - Budgetary Controls Points for WTP Project thru Contract Modification No. 497               |                      |                         |                  | <b>\$13,146,364,954.91</b> |
| BUDGETARY CONTROL POINTS FOR PROGRAM DIRECTION  |                      |                         |                  |                            |
| Description   | Appropriation Symbol | B&R No. (Control Point) | Budget Authority |                            |
| PD  | 1250                 | 1110462                 | \$1,280,000.00   |                            |
| PD  | 1250                 | 1110458                 | \$1,210,000.00   |                            |
| Subtotal - Budgetary Controls Points, including Project Direction, thru Contract Modification No. 497 |                      |                         |                  | <b>\$13,148,854,954.91</b> |
| INTER-ENTITY WORK ORDER FUNDING   |                      |                         |                  |                            |

| IEWO Identification Numbers                        | IEWO Amendment No. | Funding             |
|--|--------------------|---------------------|
| M0SRLE60 Funding (SRNS/SRNL)                       | 40                 | \$73,957,217.82     |
| M0SRV00028 Funding (SRNS)                          | 43                 | \$7,056,600.30      |
| M0SRV00036 Funding (WSRC)                          | 3                  | \$69,807.36         |
| M0SRV00042 Funding (ORNL)                          | 2                  | \$27,599.05         |
| M0IDV00061 Funding (BEA)                           | 1                  | \$21,277.60         |
| M0ORV00088 Funding (ORNL)                          | 2                  | \$150,848.30        |
| M0NSV00089 Funding (SNL)                           | 1                  | \$18,030.68         |
| M0SRV00105 Funding (SRNS)                          | 10                 | \$4,207,471.24      |
| M0FTV00117 Funding (NETL)                          | 4                  | \$410,000.00        |
| 89303918FEM400008 Funding (UNITECH)                | 10                 | \$130,000.00        |
| Total - IEWO Funding 497                           |                    | \$86,048,852.35     |
| REQUEST FOR SERVICE FUNDING                        |                    |                     |
| RFS Number   | Supplement No.     | Funding             |
| M14009 Funding (MSA)                               | 0                  | \$16,446.00         |
| Total – RFS Funding 367                            |                    | \$16,446.00         |
| Total Budgetary Control Points for WTP Project 497 |                    | \$13,234,920,253.26 |

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|---|--|
| BEA = Battelle Energy Alliance                | SRNL = Savannah River National Laboratory. |
| NETL = National Energy Technology Laboratory. | SRNS = Savannah River Nuclear Solutions.   |
| ORNL = Oak Ridge National Laboratory.         | WSRC = Washington Savannah River Company.  |

3. All other terms and conditions remain unchanged.

**(End of Modification)**